

Approved for use through 07/31/2006. OMB 0851-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

(Use as many sheets as necessary)

Sheet	1	of	4
-------	---	----	---

**Complete if Known**

Application Number	10/647305
Filing Date	08/26/2003
First Named Inventor	Sol KATZEN
Art Unit	165
Examiner Name	
Attorney Docket Number	SOLK-100

## U. S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

[illegible]

Robert L. ...

06/12/06

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

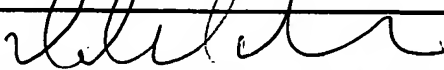
This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

**If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.**

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)		<b>Complete if Known</b>	
		Application Number	10/647305
		Filing Date	08/26/2003
		First Named Inventor	Sol KATZEN
		Art Unit	1655
		Examiner Name	
Sheet 2	of 4	Attorney Docket Number	SOLK-100

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
u		Encyclopedia Britannica, Macropedia, Vol. I, (1974), page 489	
u		Encyclopedia Britannica, Macropedia, Vol. I, (1974), page 89	
u		Agar, Oregon State University, (food.oregonstate.edu/gums.agar.html), (8/8/2003 AOL), update 7/14/2003	
u		Encyclopedia Britannica, Micropaedia, Vol. V, (1974), page 426	
u		What Is Carrageenan?, Tacara, (www.tacara.com.my/articles/carrageenan%20article1), (8/8/2003 AOL)	
u		AisonChem, (www.aisonschem.com.cn/carrageenan), (8/8/03 AOL), copyright 2003	
u		Schenck, K., Wound dressings (1): Calcium alginates for moist wound treatment, WundForum Wound Care, (8/10/03 AOL)	
u		Jork, A., et al., Appl. Microbiol. Biotechnol., (2000), 53: 224-229	
u		Marinalg Welcome, (www.marinalg.org/products/algina_int), (8/8/2003 AOL)	
u		Truus, Kalle, et al., Proc. Estonian Acad. Sci. Chem., (2001), 50, 2, 95-103	

Examiner Signature		Date Considered	08/12/06
--------------------	---	-----------------	----------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>		<b>Complete if Known</b>	
		Application Number	10/647305
		Filing Date	08/26/2003
		First Named Inventor	Sol KATZEN
		Art Unit	1655
Examiner Name			
Sheet 3 of 4	Attorney Docket Number	SOLK-100	

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		Training Manual On Gracilaria Culture and Seaweed Processing In China, Chapter III (Cont.), 3) Algin, (www.fao.org/docrep/field/003/AB730E/AB730E04), (8/10/03 AOL)	
		Flora Celtica, A Brief History of Scottish Seaweed Use, (193.62.154.38/celtica/history.htm), (8/10/2003 AOL)	
		Wikipedia, Agar, (www.wikipedia.org/wiki/Agar), (8/8/2003).	
		Agar, substance obtained from seaweed, The Columbia Encyclopedia, 6th Ed., (2001), (www.bartleby.com/65/ag/agar), (8/8/2003 AOL)	
		Sea Algae, (library.thinkquest.org/JO02608/sea_algae.htm), (8/7/2003 AOL).	
		Marine Plants, Algae Lecture, (darter.ocps.net/classroom/klenk/algae.htm), (8/7/2003 AOL)	
		NII-REO, Journal of Applied Phycology, 11(6), p. 493-502, 1999, abstract, (reo.nii.ac.jp/journal/HtmlIndicate/contents/SUP00000/000/JOU0001000266/ISSO...), (08/10/2003 AOL), cop	
		Saude, N., et al., Process Biochemistry 38 (2002) 273-278	
		Seaweed's Nutritional Value, Fisheries Information Newsletter #95 (Oct.-Dec. 2000), www.spc.int/coastfish/News/Fish_news/95/NIAR_9), (08/10/2003 AOL)	
		Mapeveldt, Gavin W., et al., Of dead man's fingers, cord weed and hanging wrack: ... (www.botany.uwc.ac.za/gavin/Pop_articles/Popart10), (08/10/2003 AOL)	

Examiner Signature	Date Considered 8/12/06
--------------------	-------------------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.


<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)		<b>Complete if Known</b>	
		Application Number	10/647305
		Filing Date	08/26/2003
		First Named Inventor	Sol KATZEN
		Art Unit	165
		Examiner Name	
Sheet 4	of 4	Attorney Docket Number	SOLK-100

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
u		Phycocolloid, (www.botony.uwc.ac.za/algae/StudentAssignments/dalenorman98/types), (8/10/2003 AOL)	
a		Tidal Salt Marshes, (ag.arizona.edu/azaqua/aquaplants/notes/MARSHES.HTM), (8/4/2003)	
n		Wikipedia, Halophyte, (www.wikipedia.org/wiki/Halophytes), (8/4/2003 AOL).	
u		Halophytes and Xerohalophytes, (www.botgard.ucla.edu/html/botanyTextbooks/lifeforms/halophytes/), (8/4/2003 AOL)	
u		Halophyte DataBase, Salt-Tolerant Plants & Their Use, (www.ussl.ars.usda.gov/pls/caliche/halophyte.preface), (8/7/2003 AOL)	
a		Alginate, Algin, Food Resource, (food.oregonstate.edu/gums/alginates.html), (8/10/2003).	
u		What are Halophytes?, (www.usf.uni-osnabrueck.de/projects/expo2000/english/descript/descript) (8/7/2003 AOL).	
u		Training Manual On Gracilaria Culture and Seaweed Processing In Chinga, 1) Agar, (www.fao.org/docrep/field.003/AB730E/AB730E03), (8/8/2003 AOL).	

Examiner Signature		Date Considered	08/14/06
--------------------	---	-----------------	----------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.